

FIG. 1A (PRIOR ART)

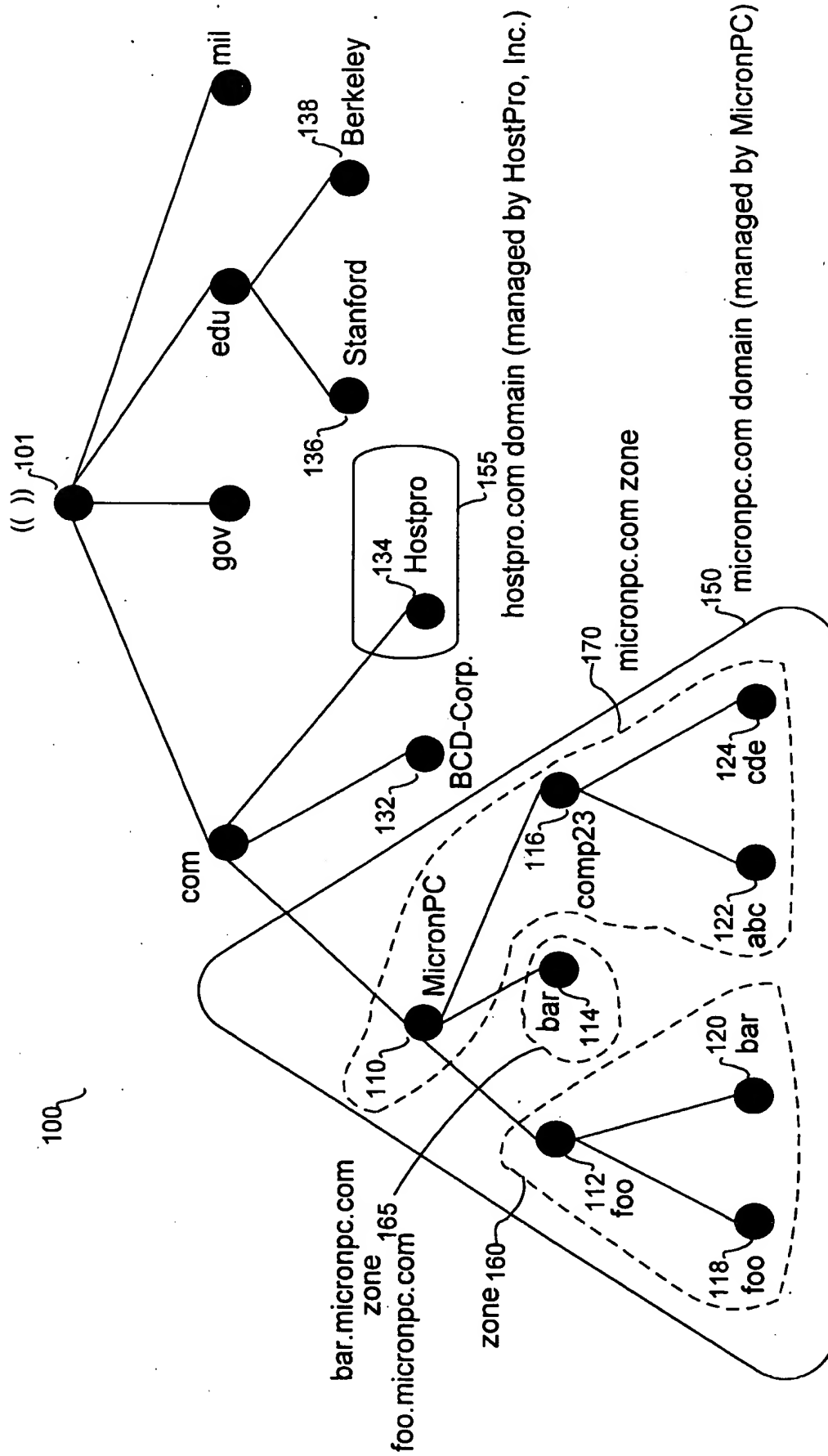


FIG. 1B (PRIOR ART)

Example Configuration Data File for the Primary Name Server of the
foo.MicronPC.com Zone

primary	foo.MicronPC.com	db.foo.MicronPC
primary	standford.edu	db.stanford
:		
:		

FIG. 2A

Example db.foo.MicronPC Zone Data File for the foo.MicronPC.com Zone

```
foo.MicronPC.com.  IN      SOA      nsl.HostPro.com      postmaster.HostPro.com.

;;; information for slave name servers
      1837          ;;; serial number for this version of the zone data file
      1800          ;;; refresh after 30 minutes
      900           ;;; retry after 15 minutes
      86400         ;;; expire after 1 week
      1800          ;;; minimum Time To Live (TTL) of 30 minutes
    )

;;; name servers for the zone
      IN           NS           nsl.HostPro.com.
      IN           NS           bar

;;; mail server
      IN           MX           5 mailserver.HostPro.com.

;;; addresses
      @            IN           A           216.23.39.188
      foo          IN           A           216.23.39.180
      bar          IN           A           216.23.46.83

;;; aliases
      stmp         IN           CNAME        @
      www          IN           CNAME        @
      ftp          IN           CNAME        foo.foo.MicronPC.com.
      bigdaddy     IN           CNAME        bar
```

FIG. 2B

Example Partial Zone Data File for the MicronPC.com Zone

;;; delegation of subzone foo.MicronPC.com to authoritative name servers for the subzone

foo	86400	IN	NS	nsl.HostPro.com.
	86400	IN	NS	bar.foo.MicronPC.com.
bar.foo.MicronPC.com.	86400	IN	A	216.23.46.83

FIG. 2C

Example DDIU Update File

362	363	365
<path-1>/db.foo.MicronPC		modified
364	<path-2>/db.foo.MicronPC	modified
366	<path-3>/db.abcd	deleted
:		
:		

FIG. 3B

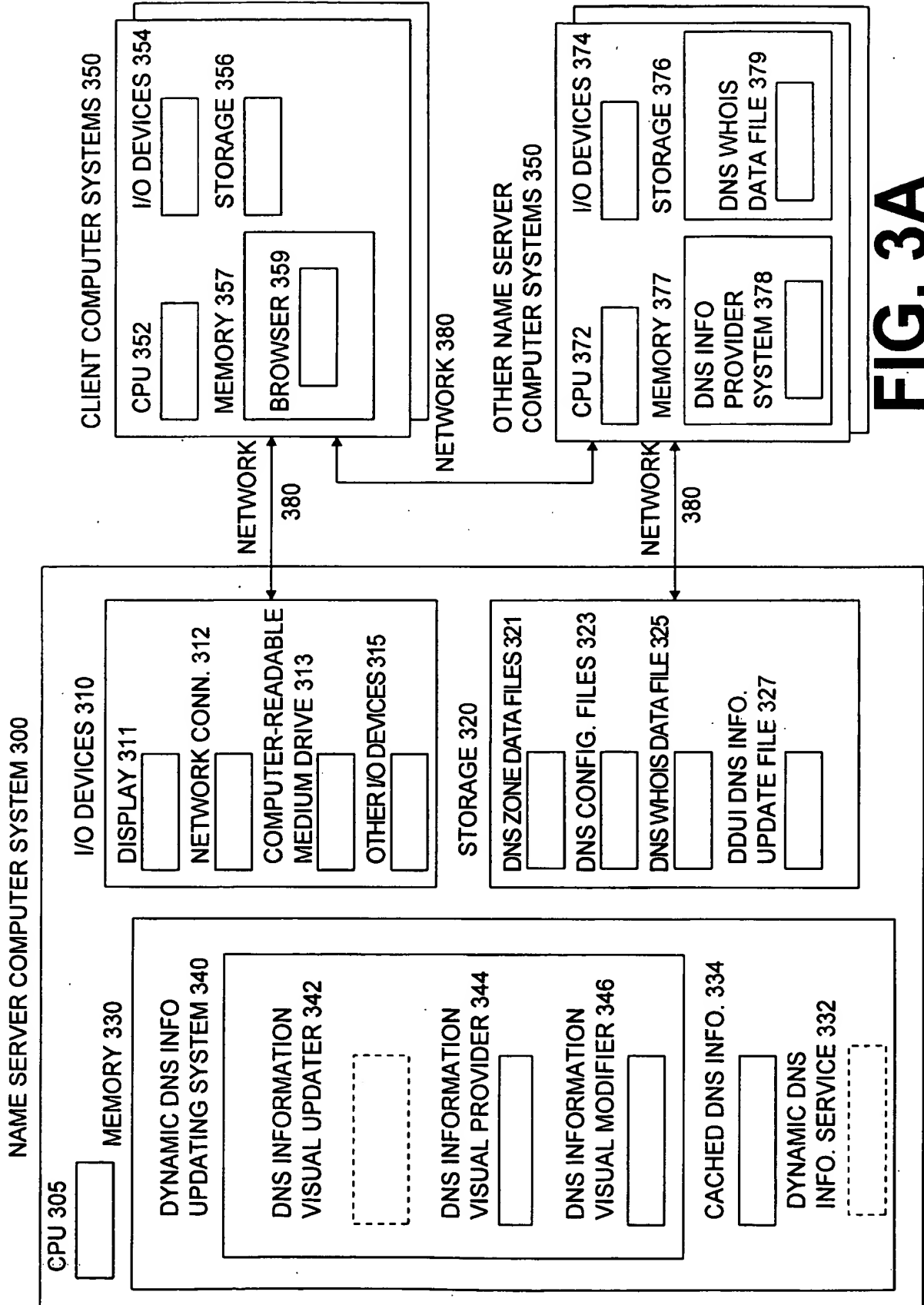


FIG. 3A

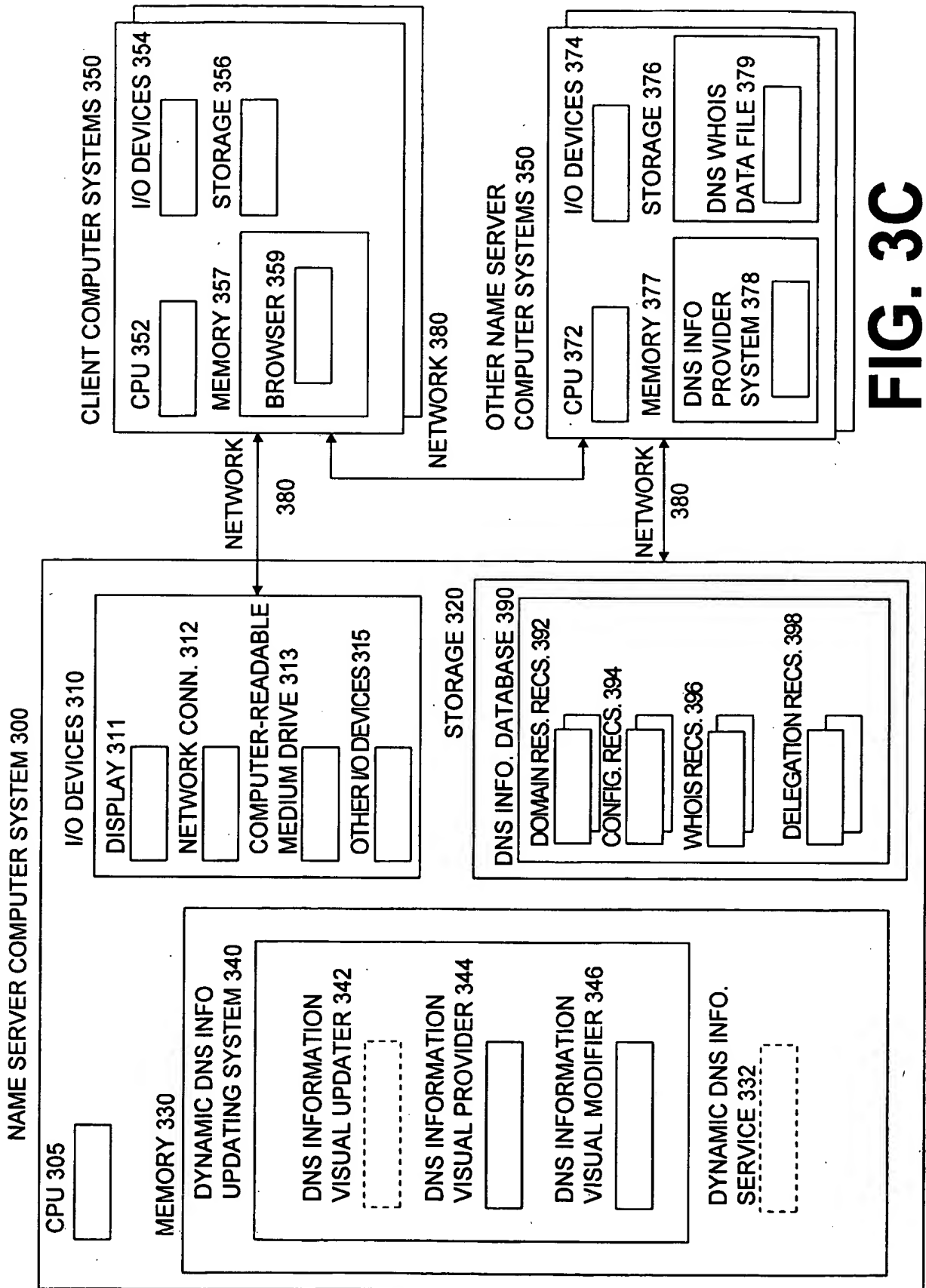
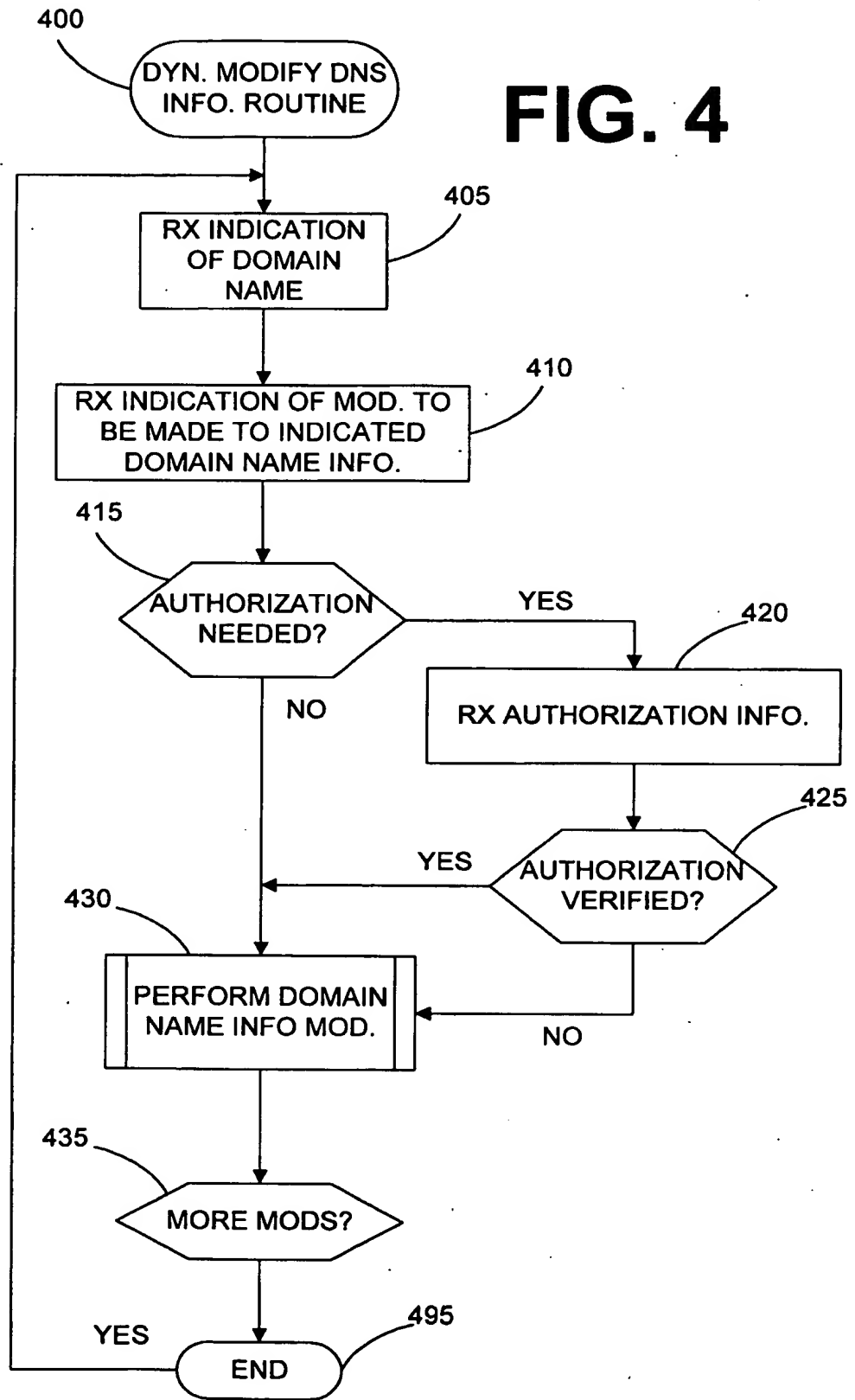


FIG. 3C

FIG. 4



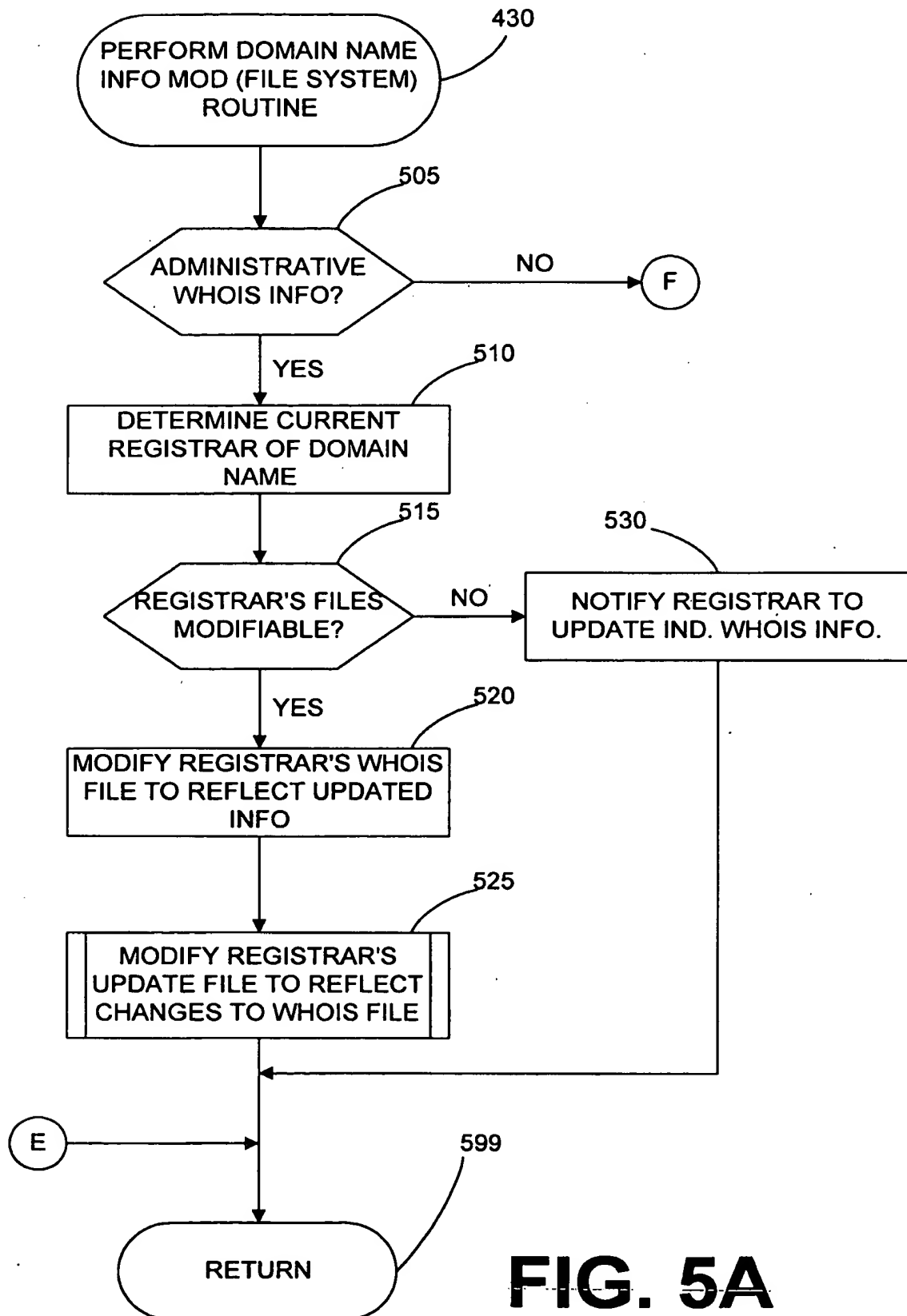


FIG. 5A

FIG. 5B

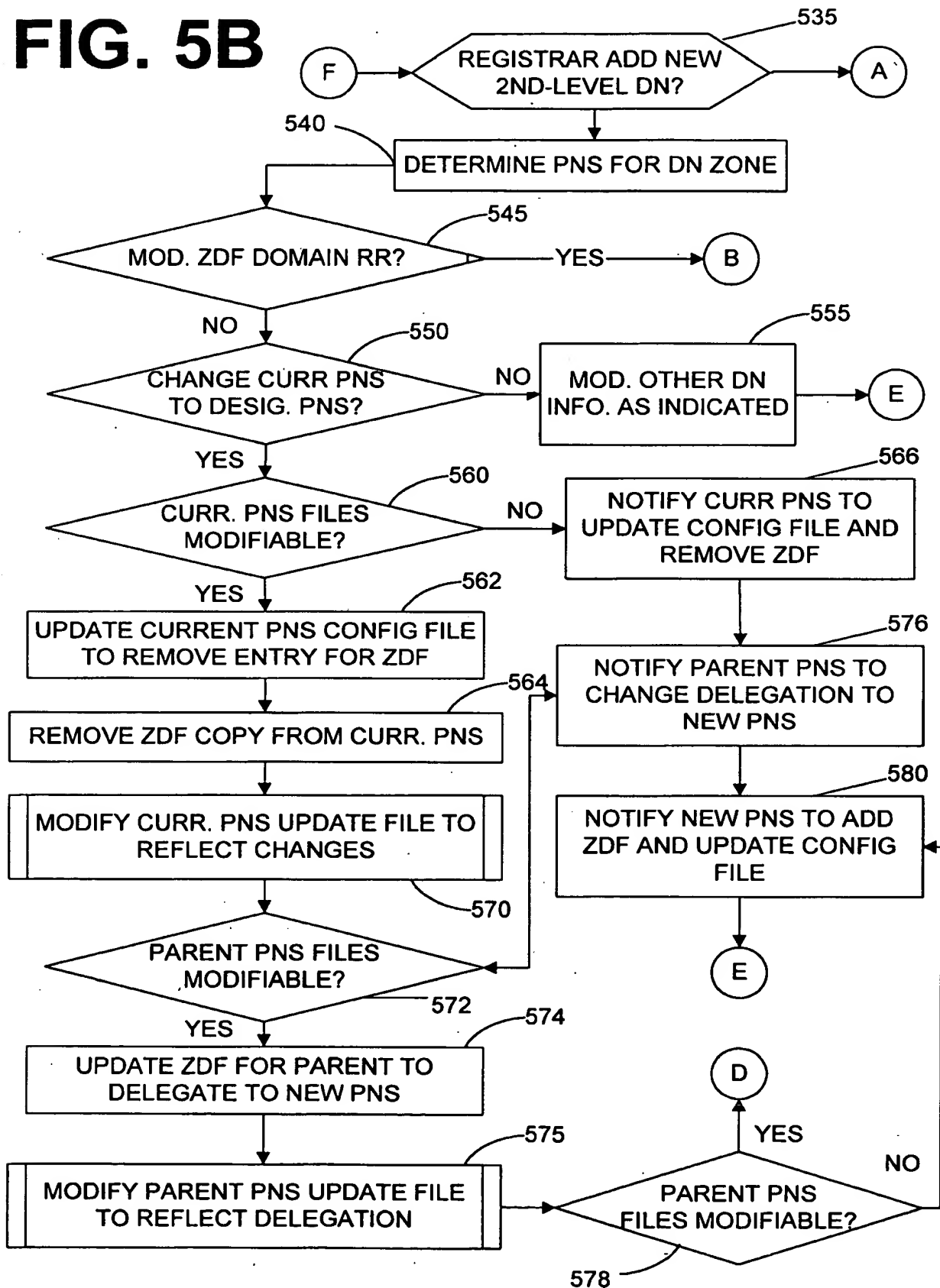


FIG. 5C

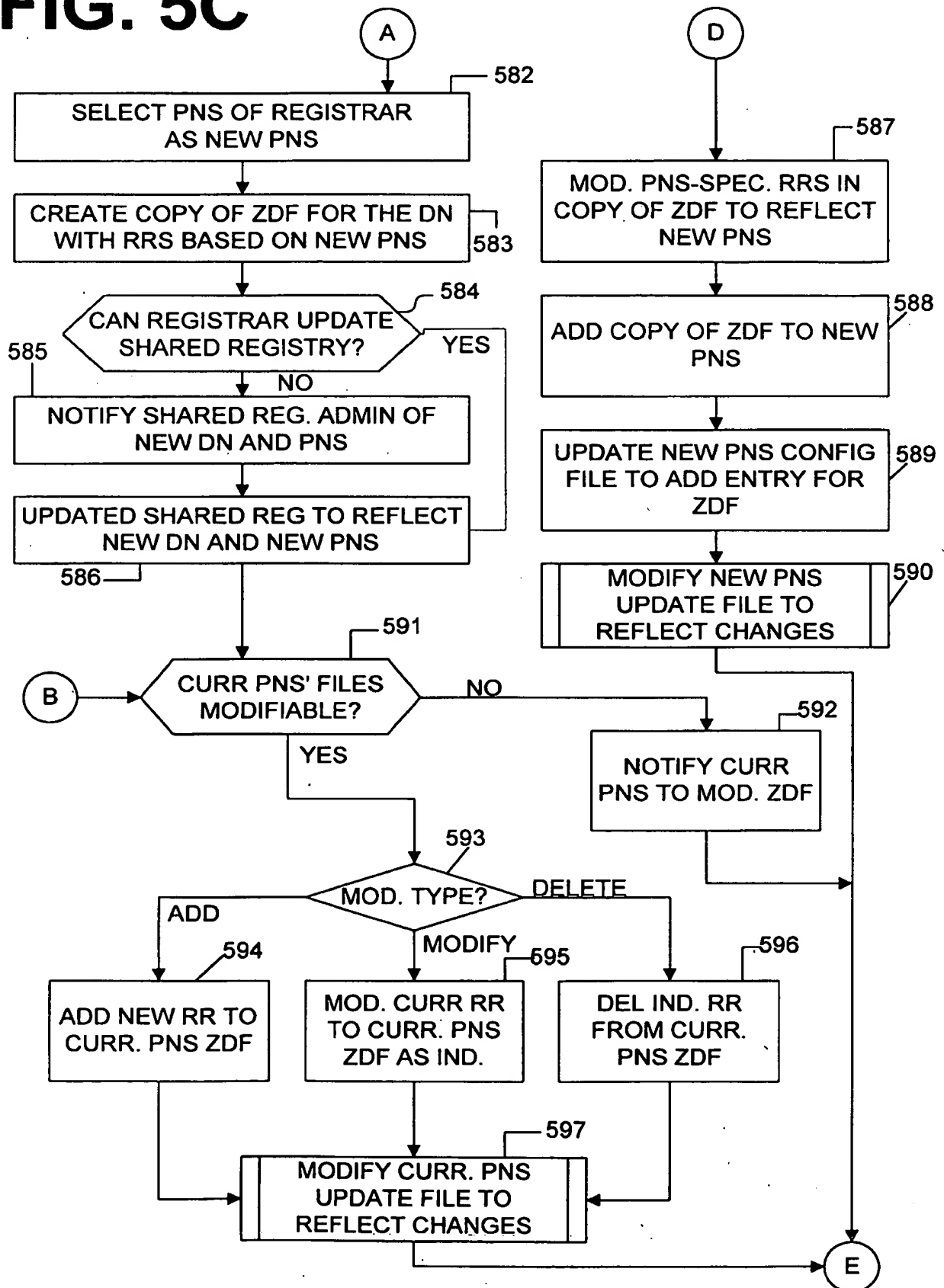
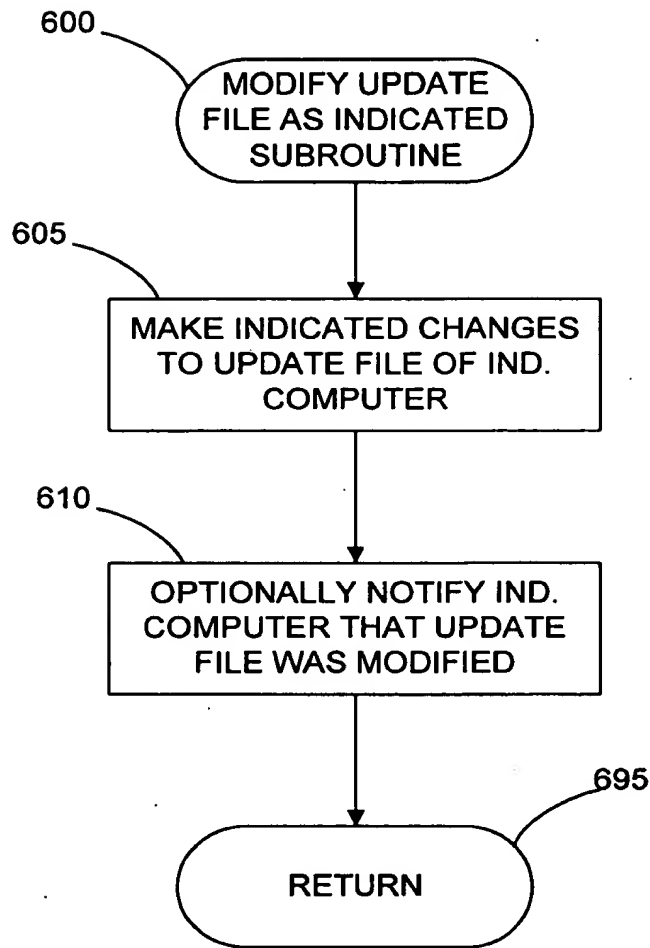


FIG. 6



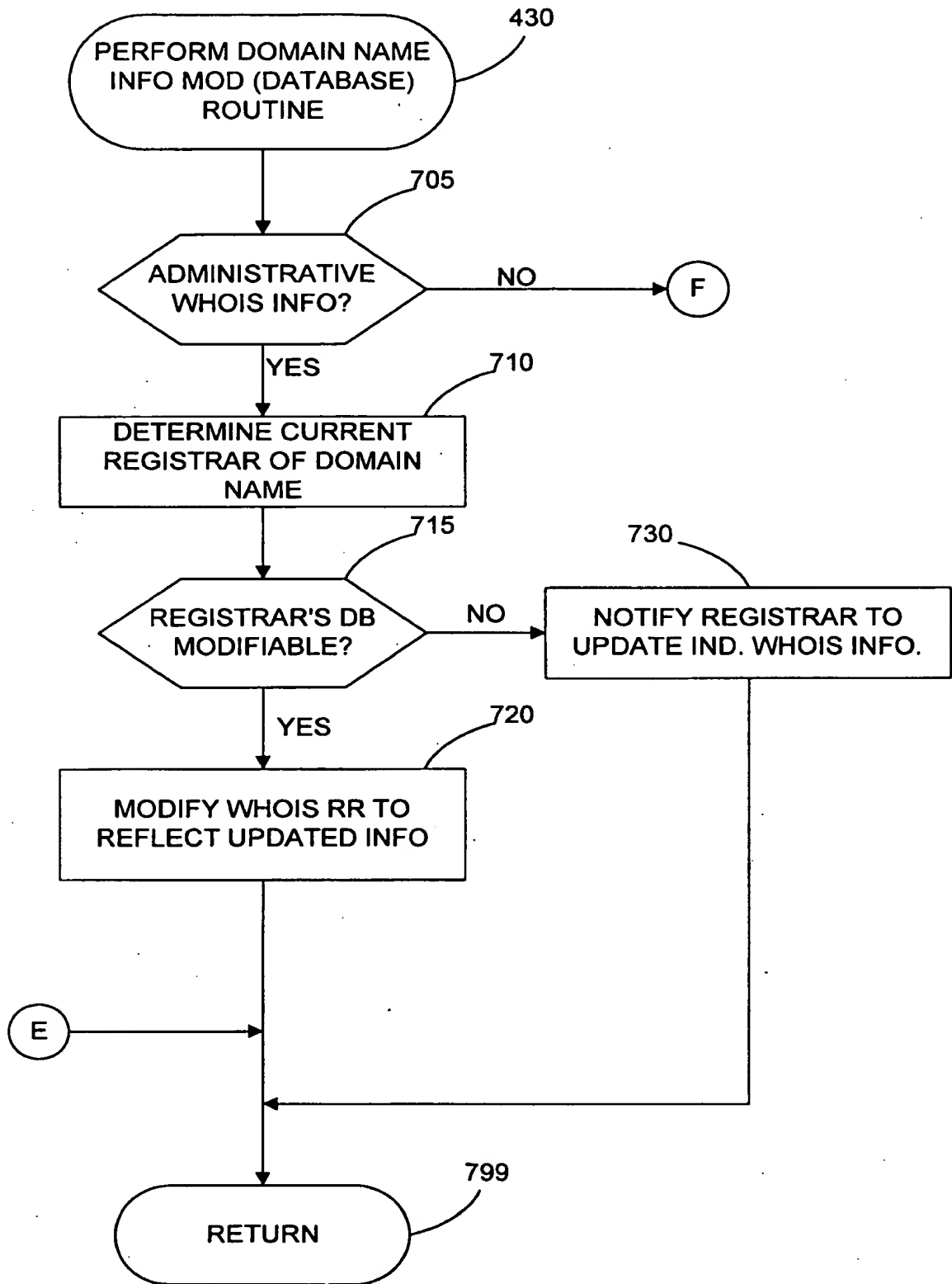


FIG. 7A

FIG. 7B

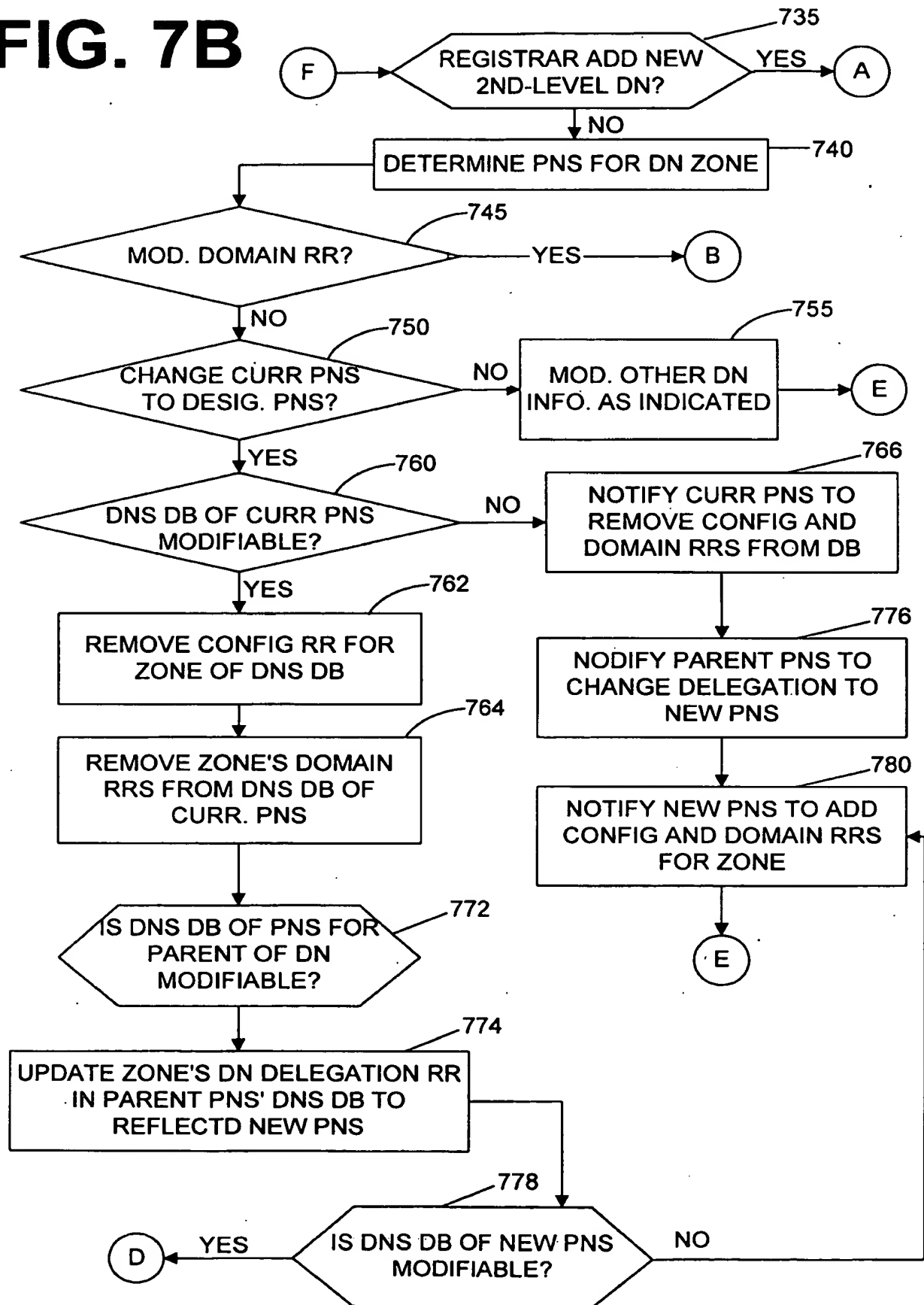


FIG. 7C

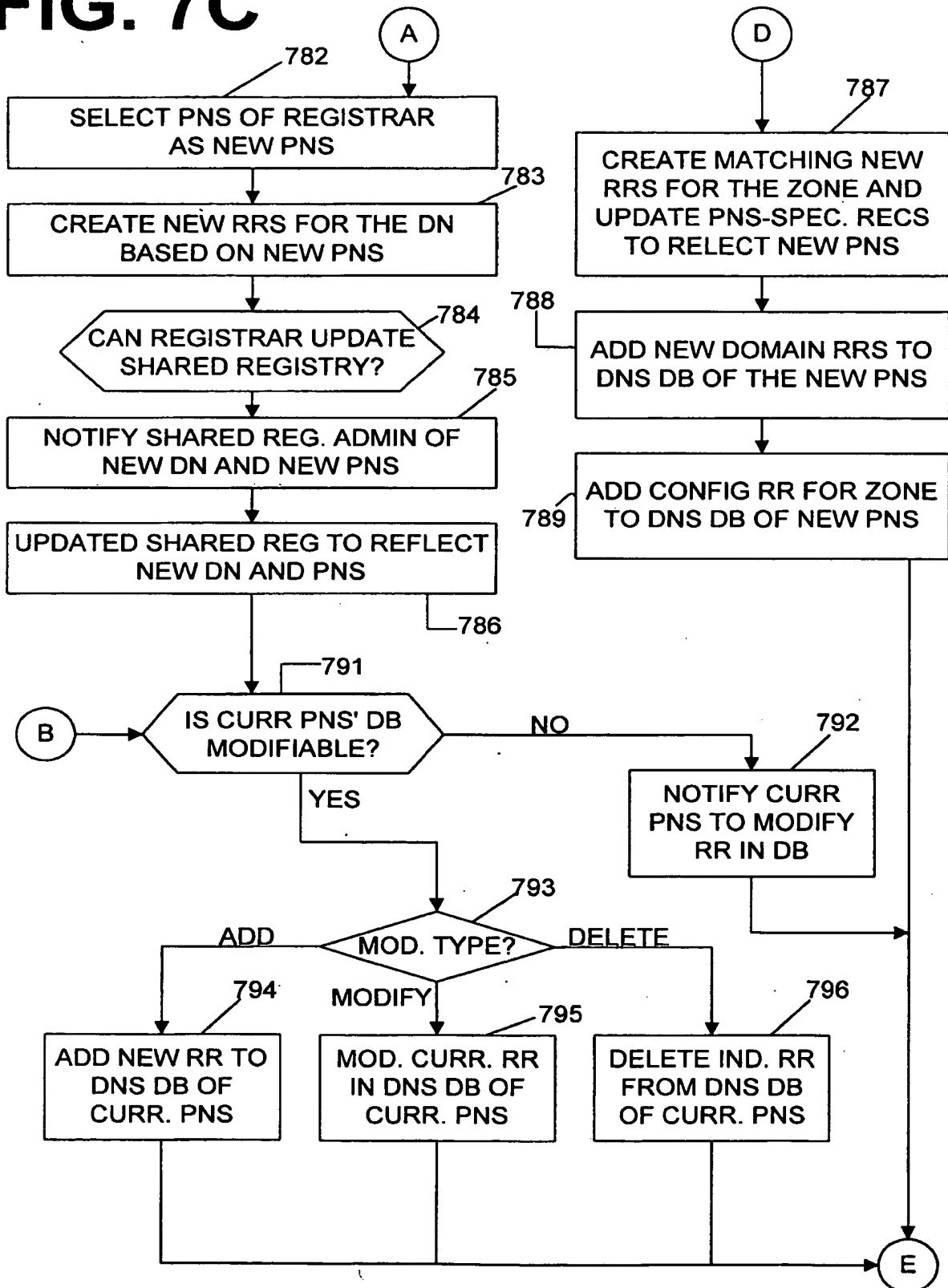


FIG. 8

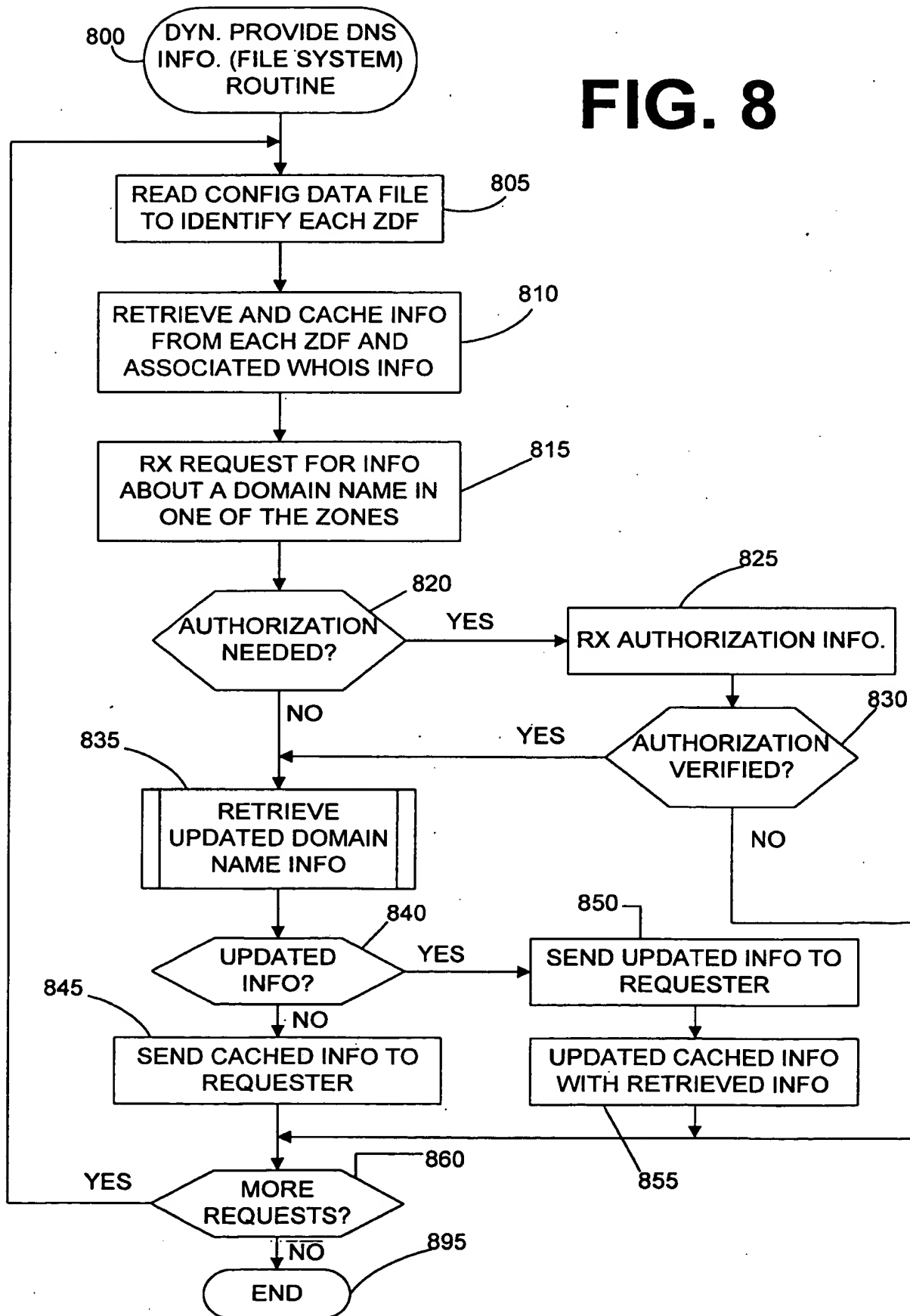


FIG. 9

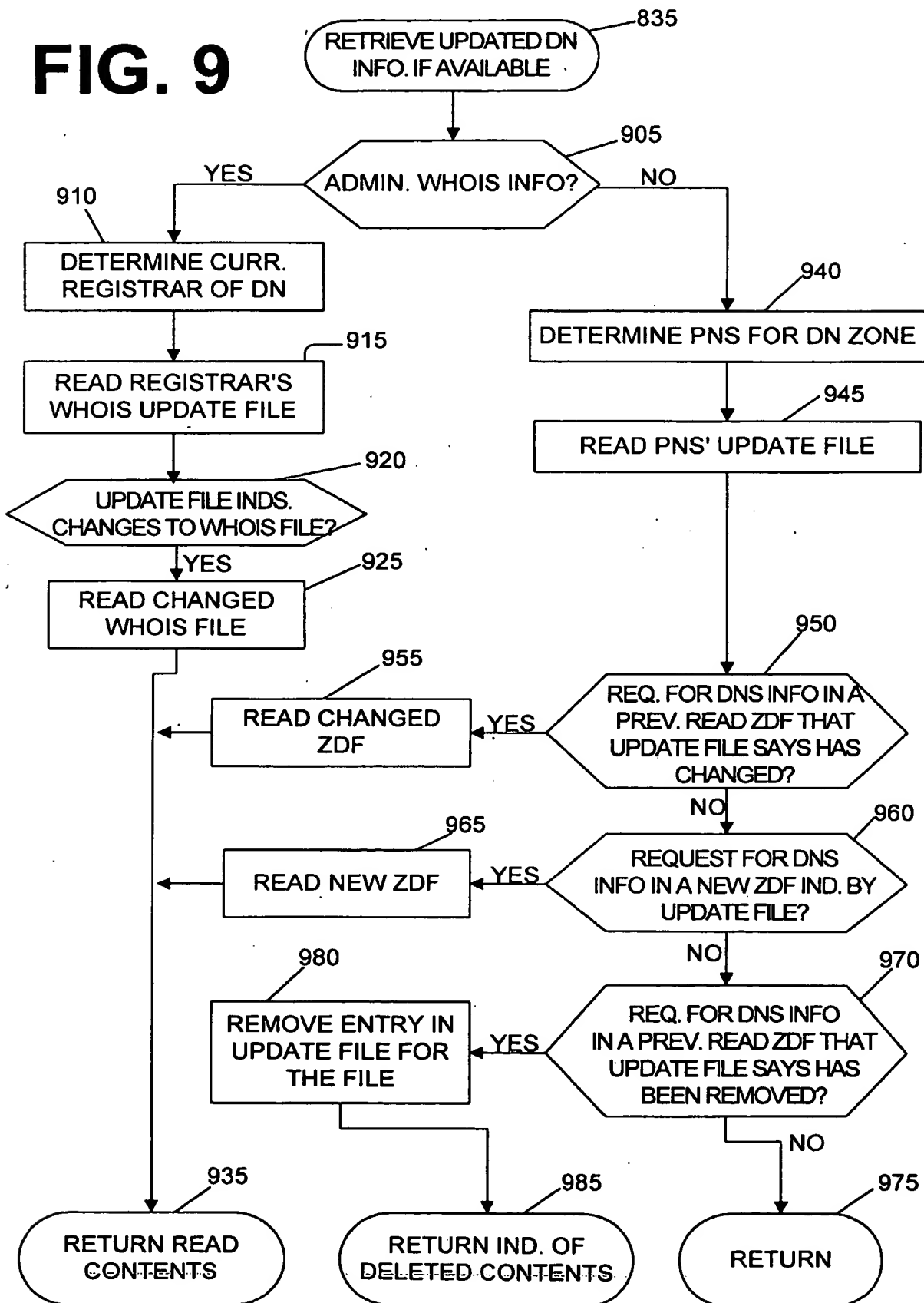


FIG. 10

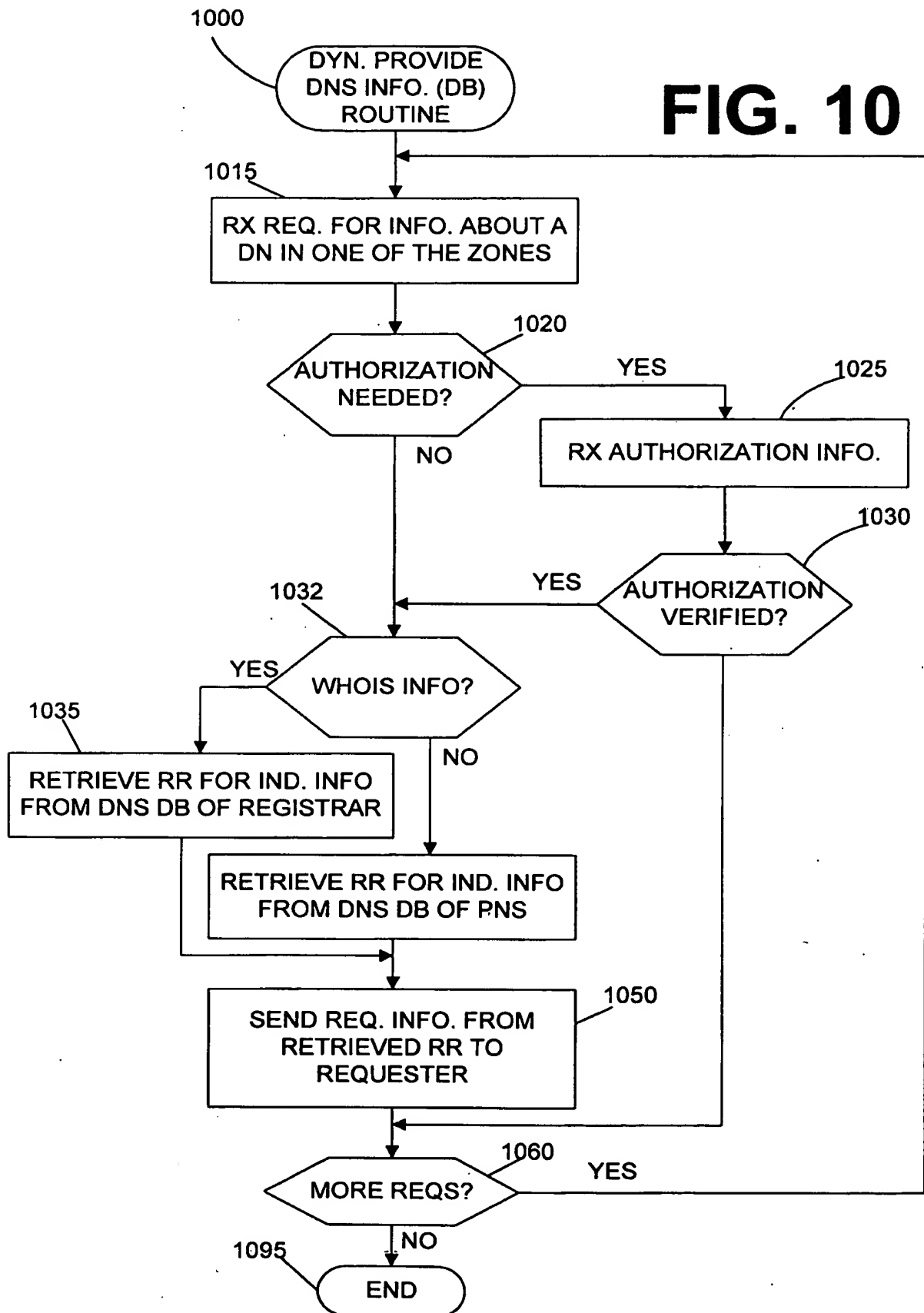


FIG. 11A

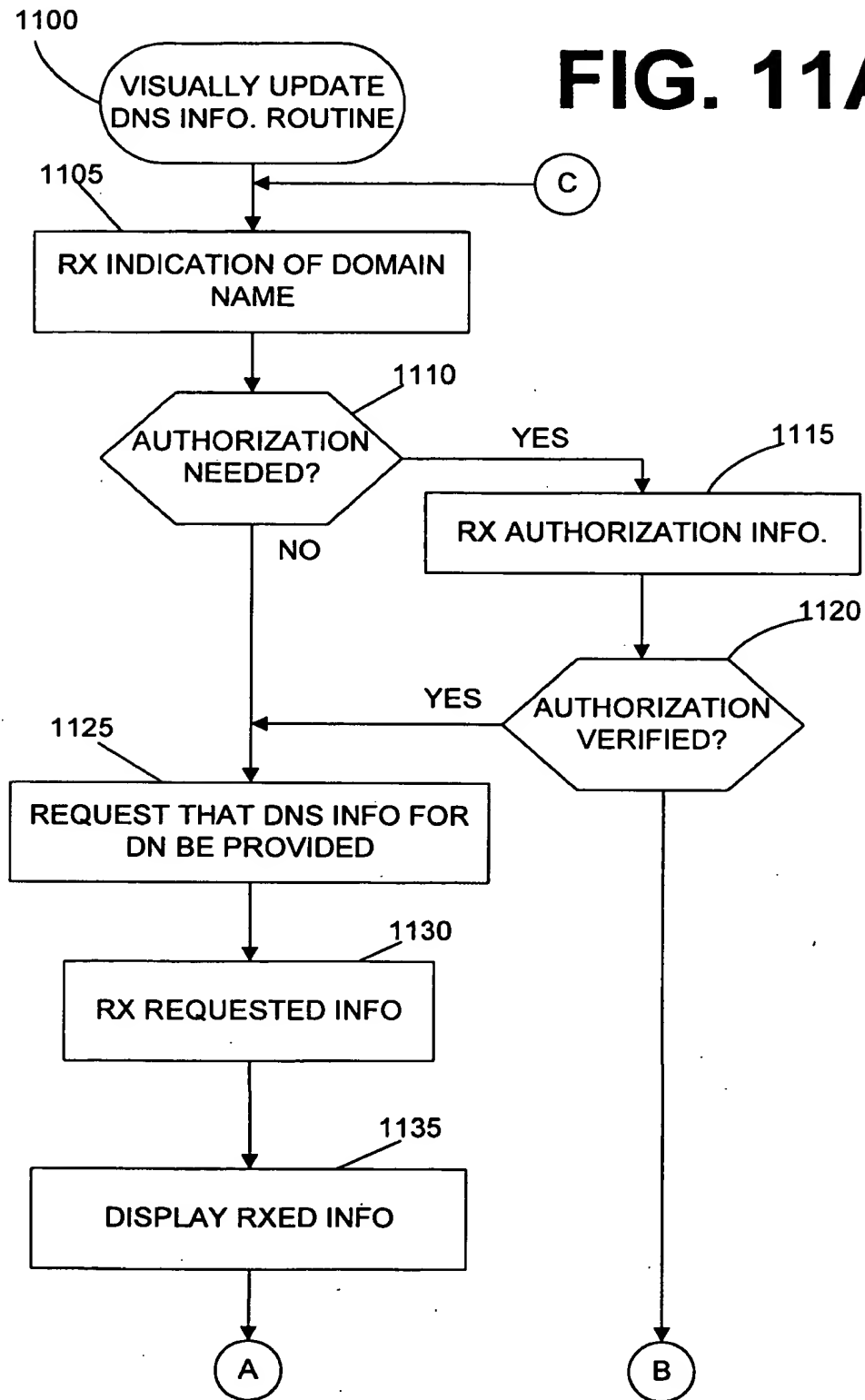


FIG. 11B

